

### IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

#### Listing of Claims

1-8. (Cancelled)

9. (Currently Amended) A system, comprising:

[a] at least one personal computer, said at least one personal computer configured to operate with at least one other [another] computer connected to [a] at least one network of computers;

said at least one personal computer including [a] at least one microchip having [a] at least one microprocessor with [a] at least one control unit and at least two processing units, said at least one control unit configured to allow [a] at least one user of said at least one personal computer to control said at least two processing units, and said at least one microchip including [a] at least one power management component;

said at least one personal computer including [an] at least one internal firewall, said at least one internal firewall configured to allow and/or deny access to portions of said at least one microchip both to said at least one user of said at least one personal computer and to [a] at least one user of said at least one microchip from said at least one network of computers during [a] at least one shared use of said at least one microchip; and said at least one internal firewall being configured to deny access to portions of said at least one microchip from said at least one network of computers.

10. (Currently Amended) The system of claim 9, wherein said at least one personal computer includes [a] at least one camera component.

11. (Cancelled)
12. (Currently Amended) The system of claim 9, wherein said at least one personal computer includes [a] at least one videocam component.
13. (Currently Amended) The system of claim 9, wherein said at least one personal computer includes [a] at least one radio component.
14. (Currently Amended) The system of claim 9, wherein said at least one personal computer includes [a] at least one television component.
15. (Currently Amended) The system of claim 9, wherein said at least one personal computer includes at least one Flash memory.
16. (Currently Amended) The system of claim 9, wherein said at least one personal computer includes [a] at least one hard drive.
17. (Currently Amended) The system of claim 9, wherein said at least one personal computer includes [a] at least one digital signal processor.
18. (Currently Amended) The system of claim 9, wherein said at least one network includes the World Wide Web which is utilized to provide shared computer processing resources.
19. (Cancelled)
20. (Currently Amended) The system of claim 9, wherein there is [a] at least one direct optical fiber network connection to said at least one personal computer.
21. (Cancelled)
22. (Currently Amended) The system of claim 9, wherein there is [a] at least one direct wireless connection from said at least one personal computer to said at least one other computer connected to said at least one network.
23. (Cancelled)

24. (Cancelled)

25. (Currently Amended) The system of claim 9, wherein said at least one personal computer is equipment of an automobile or other transportation vehicle or other conveyance.

26. (Currently Amended) The system of claim 9, wherein said at least one microchip includes:

[a] at least one digital signal processor; or

[a] at least one network communications component; or

both.

27. (Currently Amended) The system of claim 9, wherein said at least one shared use includes:

parallel processing; or

multi-processing; or

multi-tasking; or

any combination thereof.

28. (Cancelled)

29. (Cancelled)

30. (Currently Amended) The system of claim 9, wherein said at least one personal computer is configured so that said at least one user of said at least one personal computer retains preemptive control of all components of said at least one personal computer.

31. (Currently Amended) The system of claim 9, wherein said at least one microchip includes :

at least four processing units; or

at least eight processing units; or

at least 16 processing units; or

at least 32 processing units; or

at least 64 processing units; or

at least 128 processing units; or

at least 256 processing units; or

at least 512 processing units; or

at least 1024 processing units.

32. (Currently Amended) The system of claim 9, wherein said at least one personal computer includes random access memory (RAM), said RAM being located on said at least one microchip.

33. (Currently Amended) The system of claim 9, wherein said at least one microchip includes:

[a] at least one graphics component; or

[an] at least one audio component; or

[a] at least one video processing component; or

[a] at least one flash BIOS; or

any combination thereof.

34. (Currently Amended) The system of claim 9, wherein said at least one personal computer is configured to operate wirelessly with ~~one or more~~ said at least one other computer in a client/server or a peer-to-peer network architecture.

35. (Currently Amended) The system of claim 9, wherein said at least one microprocessor of said at least one personal computer is controlled by said at least one user of said at least one personal computer through said at least one user's operation of [a] at least one wireless controller.

36. (Currently Amended) The system of claim 9, wherein said at least one microchip has [an] at least one internal firewall configured to allow and/or deny access to portions of said at least one microchip both to said at least one user of said at least one personal computer and to any other users from said at least one network of computers.

37. (Currently Amended) The system of claim 9, wherein:  
said at least one internal firewall is configured to deny access to said at least one microchip microprocessor control unit of ~~said personal computer~~ by said at least one other computer during [a] said at least one shared use involving said at least one personal computer and said at least one other computer of said at least one network of computers; and

said at least one internal firewall is further configured to allow access to [said] at least one of said at least two ~~microchip microprocessor~~ processing [unit] units of ~~said personal computer~~ by said at least one other computer of said at least one network of computers during said at least one shared use.

38. (Currently Amended) The system of claim 37, wherein said at least one internal firewall is configured to deny access to said at least one ~~microchip microprocessor control unit~~ of ~~said personal computer~~ by said at least one network of computers during said at least one shared use involving said at least one personal computer and said at least one network of computers.

39. (Currently Amended) The system of claim 37, wherein said at least one internal firewall is configured to allow access to said at least one of said at least two microchip microprocessor-processing units ~~unit of said personal computer~~ by said at least one network of computers during said at least one shared use .

40. (Currently Amended) The system of claim 39, wherein said at least one internal firewall is configured to deny access to at least one of said at least two microchip microprocessor processing [unit] units ~~of said personal computer~~ by said at least one user of said at least one personal computer during said at least one shared use .

41. (Currently Amended) The system of claim 38, wherein said at least one internal firewall is [a] at least one hardware firewall, [a] at least one software firewall, [a] at least one firmware firewall, or at least one other ~~another~~ component firewall, or any combination thereof.

42. (Currently Amended) A system, comprising:

[a] at least one personal computer, said at least one personal computer configured to be directly coupled to at least one other ~~another~~ personal computer and/or [a] at least one server computer by [a] at least one network;

said at least one personal computer including [a] at least one microchip having [a] at least one microprocessor with [a] at least one control unit and at least two processing units, said at least one control unit configured to allow [a] at least one user of said at least one personal computer to control the at least two processing units;

said at least one personal computer including [an] at least one internal firewall configured to allow and/or deny access to portions of said at least one microchip both to said at least one user of said at least one personal computer and [a] at least one user of said at least one microchip from

[said] at least one network of computers during [a] at least one shared use of said at least one microchip; wherein said at least one internal firewall is [a] at least one hardware firewall; and

said at least one internal firewall being configured to deny access to portions of said at least one microchip from said at least one network of computers.

43-52. (Cancelled)

53. (Currently Amended) The system of claim 42, wherein there is [a] at least one direct optical fiber network connection to said at least one personal computer.

54. (Cancelled)

55. (Currently Amended) The system of claim 42, wherein there is [a] at least one wireless connection from said at least one personal computer to said at least one network of computers.

56. (Currently Amended) The system of claim 42, wherein said at least one personal computer is equipment of an automobile or other transportation vehicle or other conveyance.

57. (Currently Amended) The system of claim 42, wherein said at least one microchip includes:

[a] at least one digital signal processor; or

[a] at least one network communications component; or

both.

58-60. (Cancelled)

61. (Currently Amended) The system of claim 42, wherein said at least one personal computer is configured so that said at least one other user of said at least one personal computer retains preemptive control of all components of said at least one personal computer.

62. (Currently Amended) The system of claim 42, wherein said at least one microchip includes :

- at least four processing units; or
- at least eight processing units; or
- at least 16 processing units; or
- at least 32 processing units; or
- at least 64 processing units; or
- at least 128 processing units; or
- at least 256 processing units; or
- at least 512 processing units; or
- at least 1024 processing units.

63. (Currently Amended) The system of claim 42, wherein said at least one personal computer includes random access memory (RAM), said RAM being located on said at least one microchip.

64. (Currently Amended) The system of claim 42, wherein said at least one microchip includes:

- [a] at least one graphics component; or
  - [an] at least one audio component; or
  - [a] at least one video processing component; or
  - [a] at least one flash BIOS component; or
- any combination thereof.

65. (Cancelled)



66. (Currently Amended) The system of claim 42, wherein said at least one microprocessor of said at least one personal computer is controlled by said at least one other user of said at least one personal computer through said at least one other user's operation of [a] at least one wireless controller.

67. (Currently Amended) The system of claim 42, wherein said at least one microchip has [an] at least one internal firewall configured to allow and deny access to portions of said at least one microchip both to said at least one other user of said at least one personal computer and to any other users from said at least one network of computers.

68. (Currently Amended) The system of claim 42, wherein:  
said at least one internal firewall is further configured to deny access to at least one of said at least two ~~microchip-microprocessor~~ processing [unit] units of said personal computer by said at least one other ~~another~~ computer during said at least one shared use involving said at least one personal computer and said at least one other computer of said at least one network of computers; and

said at least one internal firewall is further configured to allow access to at least one of said at least two ~~microchip-microprocessor~~ processing [unit] units of said personal computer by said at least one other computer of said at least one network of computers during said at least one shared use .

69. (Currently Amended) The system of claim 68, wherein said at least one internal firewall is configured to deny access to said at least one ~~microchip-microprocessor~~ control unit of said ~~personal computer~~ by said at least one network of computers during [a] said at least one shared use involving said at least one personal computer and said at least one network of computers .

70. (Currently Amended) The system of claim 68, wherein said at least one internal firewall is configured to allow access to [one] said at least one ~~microchip-microprocessor~~ ~~processing control unit of said personal computer~~ by said at least one network of computers during said at least one shared use .

71. (Currently Amended) The system of claim 70, wherein said at least one internal firewall is configured to deny access to at least one of said at least two ~~microchip-microprocessor~~ ~~processing unit units of said personal computer~~ by said at least one user of said at least one personal computer during said at least one shared use .

72. (Currently Amended) The system of claim 71, wherein said at least one firewall includes hardware or software or firmware or any combination thereof.

73. (Currently Amended) The system of claim 42, wherein a peer to peer wireless network connection couples said at least one personal computer to at least one other ~~another~~ personal computer via the wireless network connection.

74. (Currently Amended) A system, comprising:  
at least one server computer configured to operate with [another] at least one other computer connected by a network;

said at least one server computer including [a] at least one microchip having [a] at least one microprocessor with [a] at least one control unit and at least two or four or eight or 16 or 32 or 64 or 128 or 256 or 512 or 1024 processing units, said at least one control unit configured to allow [a] at least one user of said at least one server computer to control said at least two or four or eight or 16 or 32 or 64 or 128 or 256 or 512 or 1024 processing units, said at least one microchip including [a] at least one power management component;

and said at least one server computer including [an] at least one internal firewall, said at least one internal firewall configured to allow and/or deny access to portions of said at least one microchip both to [a] said at least one user of said at least one server computer and to [a] at least one user of said at least one microchip from said at least one network of computers during [a] at least one shared use of said at least one microchip; and said at least one internal firewall being configured to deny access to portions of said at least one microchip from said at least one network of computers.

75. (Currently Amended) The system of Claim 9, wherein the internal firewall encloses only a portion of the resources of said at least one personal computer.

76. (Currently Amended) The system of Claim 42, wherein the internal firewall encloses only a portion of the resources of said at least one personal computer.

77. (Currently Amended) The system of claim 9, wherein said at least one personal computer includes [a] at least one telephone component.

78. (Currently Amended) The system of claim 9, wherein:  
[a] at least one server computer is connected to the Internet;  
at least two personal computers are connected to the at least one server computer through said at least one network;

[wherein] said at least one server computer is configured to function during [a] at least one shared use involving said at least two personal computers; and

[wherein] said at least one personal computer is configured to operate with at least one ~~other~~ another personal computer connected to said at least one network utilizing a peer to peer wireless network connection configured to directly couple said at least one personal computer to

said at least one other personal computer via the wireless network connection without connecting to said at least one server computer.

79. (Currently Amended) The system of claim 37, wherein said at least one firewall is configured to protect network use from unauthorized surveillance of said at least one of said at least two microchip-microprocessor processing [unit] units of said personal computer by said at least one user of said at least one personal computer during said at least one shared use .

80. (Currently Amended) The system of claim 37, wherein said at least one internal firewall is configured to protect network use from intervention in said at least one of said at least two processing units microchip-microprocessor processing unit of said personal computer by said at least one user of said at least one personal computer during said at least one shared use .

81. (Currently Amended) The system of claim 68, wherein said at least one internal firewall is configured to protect network use from unauthorized surveillance of said at least one of said at least two processing units microchip-microprocessor processing unit of said personal computer by said at least one user of said at least one personal computer during said at least one shared use .

82. (Currently Amended) The system of claim 68, wherein said at least one internal firewall is configured to protect network use from intervention in said at least one of said at least two microchip-microprocessor processing unit processing units of said at least one personal computer by said at least one user of said at least one personal computer during said at least one shared use .

83. (Currently Amended) The system of claim 9, wherein said at least one user of said at least one personal computer is an owner of said at least one personal computer.

84. (Currently Amended) The system of claim 42, wherein said at least one user of said at least one personal computer is an owner of said at least one personal computer.

85. (Currently Amended) The system of claim 74, wherein said at least one user of said at least one personal computer is an owner of said at least one personal computer.

86. (Currently Amended) The system of claim 9, wherein said at least one network comprises the Internet and/or an intranet.

87. (Currently Amended) The system of claim 42, wherein said at least one network comprises the Internet and/or an intranet.

88. (Currently Amended) The system of claim 74, wherein said at least one network comprises the Internet and/or an intranet.

89. (Currently Amended) The system of claim 74, wherein said at least one microchip has [an] at least one internal firewall configured to allow and deny access to portions of said at least one microchip both to said at least one user of said at least one server computer and to any other users from said at least one network of computers, and said firewall is a hardware firewall.

90. (Currently Amended) The system of claim 89, wherein:  
said at least one internal firewall is further configured to deny access to said at least one ~~microchip-microprocessor-control unit of said server computer~~ by said at least one other computer during [a] said at least one shared use involving said at least one server computer and said at least one other computer of said at least one network of computers; and

said at least one internal firewall is further configured to allow access to [said] at least one of said at least two ~~microchip-microprocessor~~ processing [unit] units of said at least one server computer by said at least one other computer of said at least one network of computers during said at least one shared use .

91. (Currently Amended) The system of claim 90, wherein said at least one internal firewall is configured to deny access to said at least one ~~microchip-microprocessor-control unit of~~ microchip-microprocessor ~~said server-computer~~ by said at least one network of computers during said at least one shared use involving said at least one server computer and said at least one network of computers.

92. (Currently Amended) The system of claim 91, wherein said at least one internal firewall is configured to allow access to said at least one of said at least two ~~microchip microprocessor processing units unit of said server-computer~~ microchip microprocessor processing units by said at least one network of computers during said at least one shared use .

93. (Currently Amended) The system of claim 92, wherein said at least one internal firewall is configured to deny access to said at least one of said at least two ~~microchip microprocessor processing [unit] units of said server-computer~~ microchip microprocessor processing [unit] units by said at least one user of said at least one server computer during said at least one shared use .

94. (Currently Amended) The system of claim 92, wherein said at least one internal firewall is configured to protect network use from unauthorized surveillance of said at least one of said at least two ~~microchip-microprocessor processing [unit] units~~ microchip-microprocessor processing [unit] units of said at least one server computer by said at least one user of said at least one server computer during said at least one shared use .

95. (Currently Amended) The system of claim 92, wherein said at least one internal firewall is configured to protect network use from intervention in said at least one of said at least two ~~microchip-microprocessor processing [unit] units~~ microchip-microprocessor processing [unit] units of said at least one server computer by said at least one user of said at least one server computer during said at least one shared use .

96. (Currently Amended) The system of claim 74, wherein said at least one firewall includes hardware or software or firmware or any combination thereof.

97. (Currently Amended) The system of claim 74, wherein said at least one server computer is configured so that said at least one user of said at least one server computer retains preemptive control of all components of said at least one server computer, thereby preempting any server users from said at least one network of computers.

98. (Currently Amended) The system of claim 9, wherein said at least one internal firewall is configured to permanently deny access to portions of said microchip from said at least one network of computers.

99. (Currently Amended) The system of claim 9, wherein said at least one shared use includes at least one unauthorized shared use, including intrusion by hackers from outside said at least one personal computer.

100. (Currently Amended) The system of claim 42, wherein said at least one internal firewall is configured to permanently deny access to portions of said at least one microchip from said at least one network of computers.

101. (Currently Amended) The system of claim 42, wherein said at least one shared use includes at least one unauthorized shared use, including intrusion by hackers from outside said at least one personal computer.

102. (Currently Amended) The system of claim 74, wherein said at least one internal firewall is configured to permanently deny access to portions of said at least one microchip from said at least one network of computers.

103. (Currently Amended) The system of claim 74, wherein said at least one shared use includes at least one unauthorized shared use, including intrusion by hackers from outside said at least one personal computer.